

**Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
USPTO Use Only**

EFS ID: 10940  
Application ID: 09681203  
REVERSE AND FORWARD  
Title of Invention: MULTIPLE HOPPING USING A  
PROXY WHERE AT LEAST ONE  
HOP IS SECURE  
First Named Inventor: Ariel Katz  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2001-02-21  
Submission Type: Utility Patent Filing  
Filing Type: null  
Confirmation Number: 0  
Attorney Docket Number: 1018.126US1  
cn=Michael Andrew Dryja, ou=Registered Attorneys, ou=Patent  
Digital Certificate Holder: and Trademark Office, ou=Department of Commerce, o=U.S.  
Government, c=US  
Certificate Message Digest: UHx0bH6lhYLa6oYQK1yxCw==  
Total Fees Authorized: \$1358.0  
Payment Category: CC - Credit Card  
Credit Card Number: \*\*\*\*\*1000  
Expiration Date: 02282003  
Card Holder Name: Michael Dryja  
RAM User ID: EFSPROD  
RAM Accounting Date: 2001-02-22  
RAM Sequence Number: 257756  
RAM Payment Status: RAM success  
Postal Code: 98074



# TRANSMITTAL FORM

JC474 U.S. PTO  
09/681203  
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Electronic Version 1.0.2

Stylesheet Version: 1.0

Attorney Docket Number: 1018.126US1

## REVERSE AND FORWARD MULTIPLE HOPPING USING A PROXY WHERE AT LEAST ONE HOP IS SECURE

First Named Inventor: Mr. Ariel Katz

### SUBMITTED BY

|  |                       |
|--|-----------------------|
| Name:                                    | Mr. Michael Dryja     |
| Registration Number:                     | 39662                 |
| Electronic Signature Mark: Michael Dryja | Date Signed: 20010221 |

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### Attached Files:

|                   |              |
|-------------------|--------------|
| bibd-transmittal  | efsapds.xml  |
| patent-assignment | efsasgn.xml  |
| fee-transmittal   | efsfee.xml   |
| specification     | 126 spec.xml |

# FEE TRANSMITTAL

Electronic Version 1.0.4

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 1358**

## BANK (CREDIT) CARD INFORMATION:

Credit Card Number: 1000  
Expiration Date: 20030228  
Authorized Name: Michael Dryja  
Billing Address: 98074

## BASIC FILING FEE

| Fee Description    | Fee Code | Fee Paid |
|--------------------|----------|----------|
| Utility Filing Fee | 101      | \$ 710   |

Subtotal For Basic Filing Fee: \$ 710

## EXTRA CLAIM FEES

|                       | Fee Code | Fee   | Extra Claims | Fee Paid |
|-----------------------|----------|-------|--------------|----------|
| Total Claims: 36      | 103      | \$ 18 | 16           | \$ 288   |
| Independent Claims: 7 | 102      | \$ 80 | 4            | \$ 320   |

Subtotal For Extra Claims Fees: \$ 608

## ADDITIONAL FEES

| Fee Description                                   | Fee Code | Fee Paid |
|---|----------|----------|
| Recording Each Patent Assignment Per Property Fee | 581      | \$ 40    |

Subtotal For Additional Fees: \$ 40

declaration  
declaration

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**Attached Image File(s):**

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